

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 10210602		APPLICATION NO. Rule 53(b) Divisional Application of U. S. Patent Application No. 10/396,554 filed March 26, 2003	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT Hideaki TAKAHASHI			
				FILING DATE January 9, 2004		GROUP	

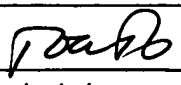
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	1	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	5,393,089	02/1995	Pakulsky et al.		
	2	5,564,731	10/1996	Gallagher et al.		
	3	4,895,389	01/1990	Pack, Jr.		
	4	4,989,896	02/1991	DiSalvo et al.		
	5	5,082,310	01/1992	Bauer		
	6	5,611,564	03/1997	Bauer		

FOREIGN PATENT DOCUMENTS						
	1	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	7	JP-A-2-147452	06/1990	Japan		
	8	JP-A-2-283546	11/1990	Japan		
	9	JP-A-3-281457	12/1991	Japan		
	10	JP-A-7-179161	07/1995	Japan		
	11	JP-A-2-109848	04/1990	Japan		
	12	JP-A-7-291078	11/1995	Japan		
	13	JP-A-8-20040	01/1996	Japan		
	14	JP-A-8-192666	07/1996	Japan		
	15	JP-A-5-185898	07/1993	Japan		
	16	JP-A-8-290749	11/1996	Japan		
	17	JP-U-2-60652	05/1990	Japan		
	18	JP-A-8-85406	04/1996	Japan		
	19	JP-U-6-1016	01/1994	Japan		
	20	JP-A-8-282332	10/1996	Japan		
	21	JP-A-9-2180	01/1997	Japan		
	22	JP-A-8-164814	06/1996	Japan		
	23	JP-A-9-2187	01/1997	Japan		
	24	JP-A-8-216216	08/1996	Japan		

EXAMINER Barb	DATE CONSIDERED 9/15/04
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: January 9, 2004

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 102106.02		APPLICATION NO. Rule 53(b) Divisional Application of U. S. Patent Application No. 10/396,554 filed March 26, 2003	
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				FILING DATE January 9, 2004		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
W	25	5,375,876 A	12/1994	Bauer et al.			
W	26	5,499,842 A	03/1996	Yamamoto et al.			
W	27	5,590,901	1/1997	MacGregor	280	728.3	
	28	6,109,645	08/2000	Totani et al.	280	728.3	
	29	5,839,752	11/1998	Yamasaki et al.	280	728.3	
	30	5,590,903	01/1997	Phillion et al.	280	728.3	
	31	5,536,037	7/1996	Cherry	280	728.3	
	32	5,458,361	10/1995	Gajewski	280	728.3	
W	33	4,895,389	1/1990	Pack, Jr.	280	728.3	
W	34	5,839,752	11/1998	Yamasaki et al.	280	728.3	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
W	35	JP-A-3-254919	11/1991	Japan			
W	36	JP-A-8-268205	10/1996	Japan			
	37	JP-A-9-2181	01/1997	Japan			
	38	JP-A-9-2188	01/1997	Japan			
	39	JP-A-9-2189	01/1997	Japan			
	40	JP-A-9-39706	02/1997	Japan			
	41	JP-A-9-48313	02/1997	Japan			
	42	JP-A-8-192666	7/1996	Japan			
	43	DE 44 36 130 A1	03/1995	Germany			
	44	JP 04-303052 (w/Abstract)	10/1992	Japan			
	45	JP 02-303949 (w/Abstract)	12/1990	Japan			
W	46	JP 7-315155 (w/Abstract)	12/1995	Japan			
W	47	JP 06-035057	5/1994	Japan			
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U.S. PATENT DOCUMENTS						
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	48	5,580,083	12/1996	Parker	280	728.3
	49	6,039,342	3/2000	Sasaki	280	728.2X
	50	6,042,140	3/2000	Blazaitis et al.	280	728.3
	51	5,979,931	11/1999	Totani et al.	280	728.2X
	52	5,755,459	5/1998	LaLonde	280	728.3
	53	6,042,144	3/2000	Murakami et al.	280	728.1X
	54	5,735,542	4/1998	Bohn	280	728.2
	55	5,913,534	11/1998	Klingauf	280	728.3
	56	5,698,283	11/1998	Yamasaki et al.	280	728.3X
	57	5,947,511	09/1999	Usui et al.	264	255

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DOCUMENT NUMBER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	58	JP-A-2-147452	6/1990	Japan		
	59	JP-A-2-283546	11/1990	Japan		
	60	JP-A-3-281547	12/1991	Japan		
	61	JP-A-7-179161	7/1995	Japan		
	62	JP-A-2-109848	4/1990	Japan		
	63	JP-A-7-291078	11/1995	Japan		
	64	JP-A-8-20040	1/1996	Japan		
	65	JP-09052567 (Abstract only)	2/1997	Japan		

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